



Fielding the Warfighters C2 Vision Presidents Forum

11 May 00

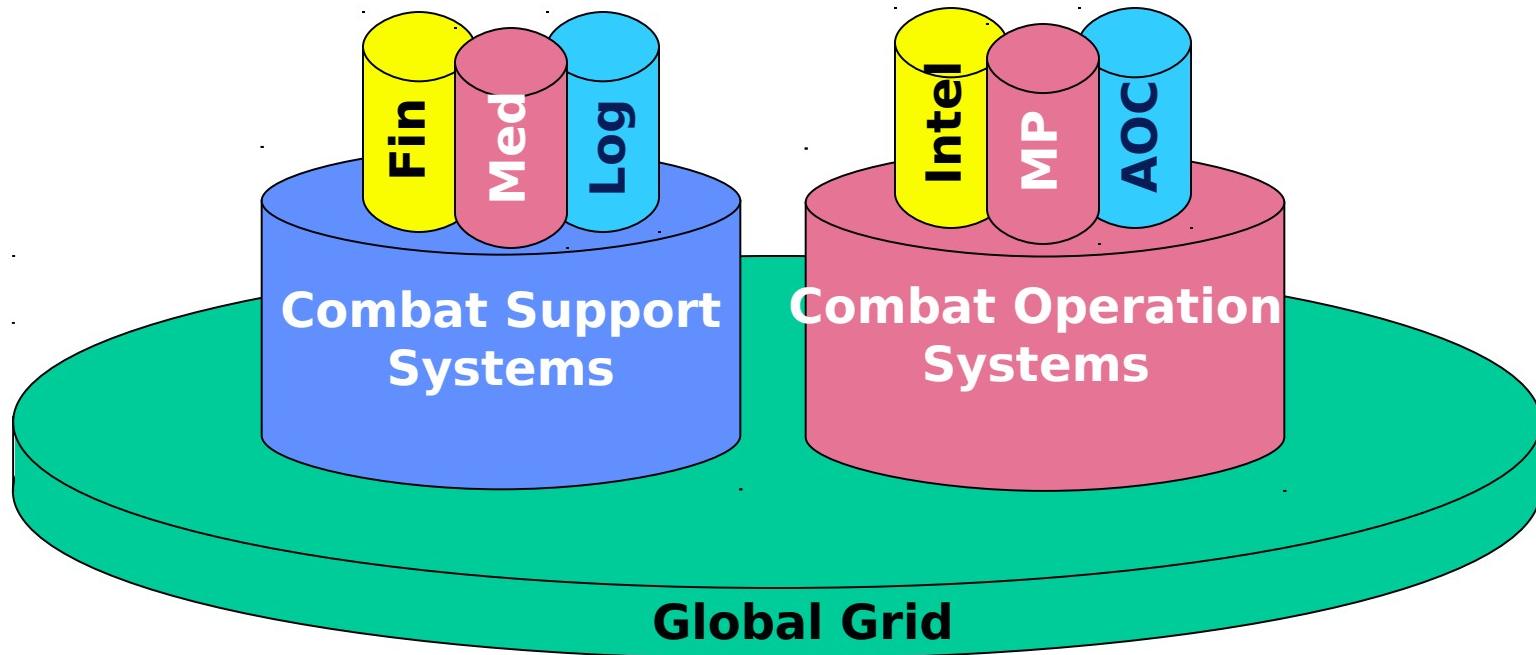
**Lt Gen Leslie
Kenne**





The C2 System Today

\$3.5B Annual Investment at ESC



How do we .com the Combat Ops & Support Systems?



Why Change? The ACC Message Is Clear!

- **C2 Needs to Change**
 - Doesn't Meet Warfighters Needs
 - Not integrated and interoperable
 - Capability takes too long to field
- **Warfighter focused on the right things**
 - Manage C2 as a weapon system
 - Effects based decision making
 - Capability focused CONOPS

C2 acquisition system must enable and support warfighter vision



Why Change? Business Processes

- **To succeed, C2 development must:**
 - Use commercial information systems & technologies
 - Accommodate their rapid evolution
 - Enable legacy system capabilities
- **Current DoD business models focused on building planes & tanks, and....**
 - Are serial in nature
 - Take too long
 - Are not suited to rapidly evolving technologies (IT)
- **We must leverage commercial industry and their enabling business practices**



Commitment to Change

- COMACC primary focus area
- CSAF commissioned SAB
- SECAF visit to IT companies
- Presidents Day Forum

The highest levels in the Air Force are committed to change



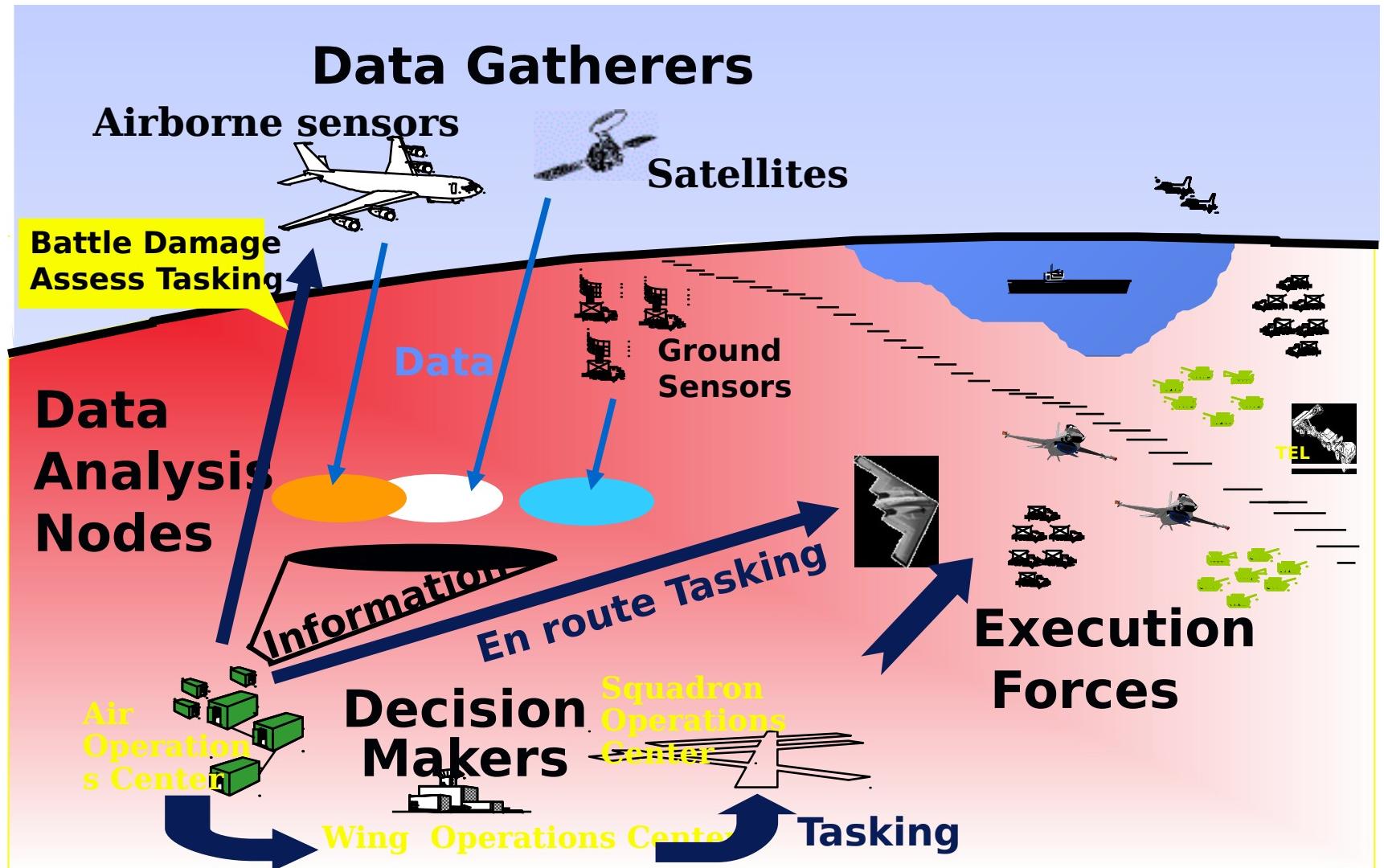
How to Change?

- Manage C2 as a weapon system (enterprise)
 - Deliver integrated & interoperable systems
- Enable speed of change



Theater Command & Control

An Overview



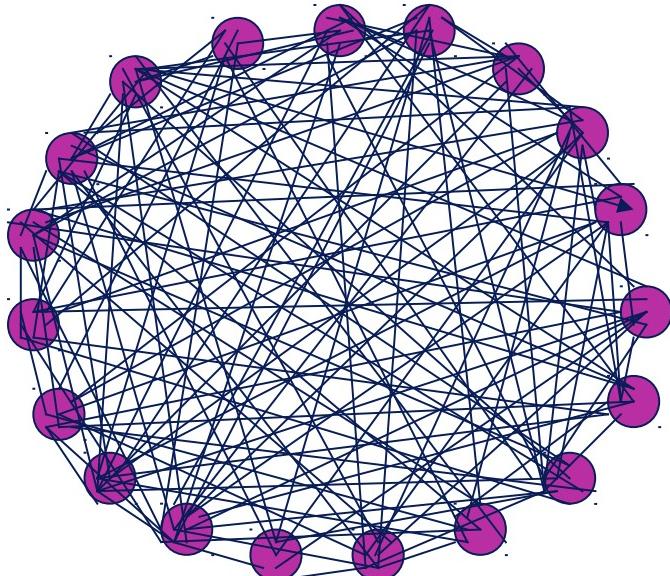


System Integration & Interoperability

Now

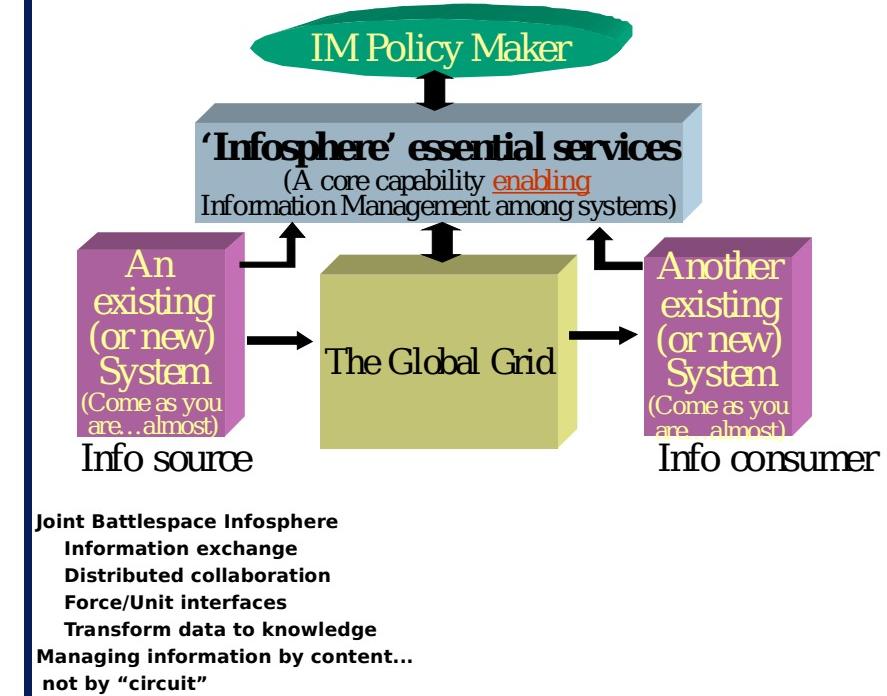
SYSTEM CENTRIC

Systems are connected to each other
With dedicated circuits, or
With preplanned message interchanges for
each pairwise system-to-system connection



Future

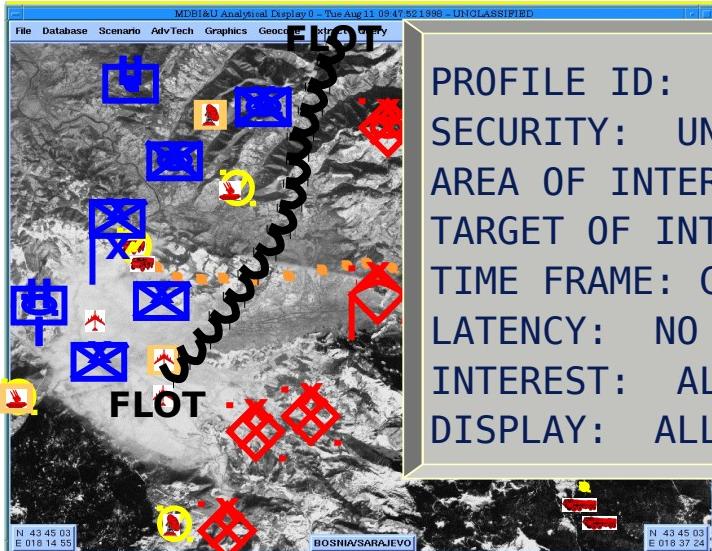
NETWORK CENTRIC



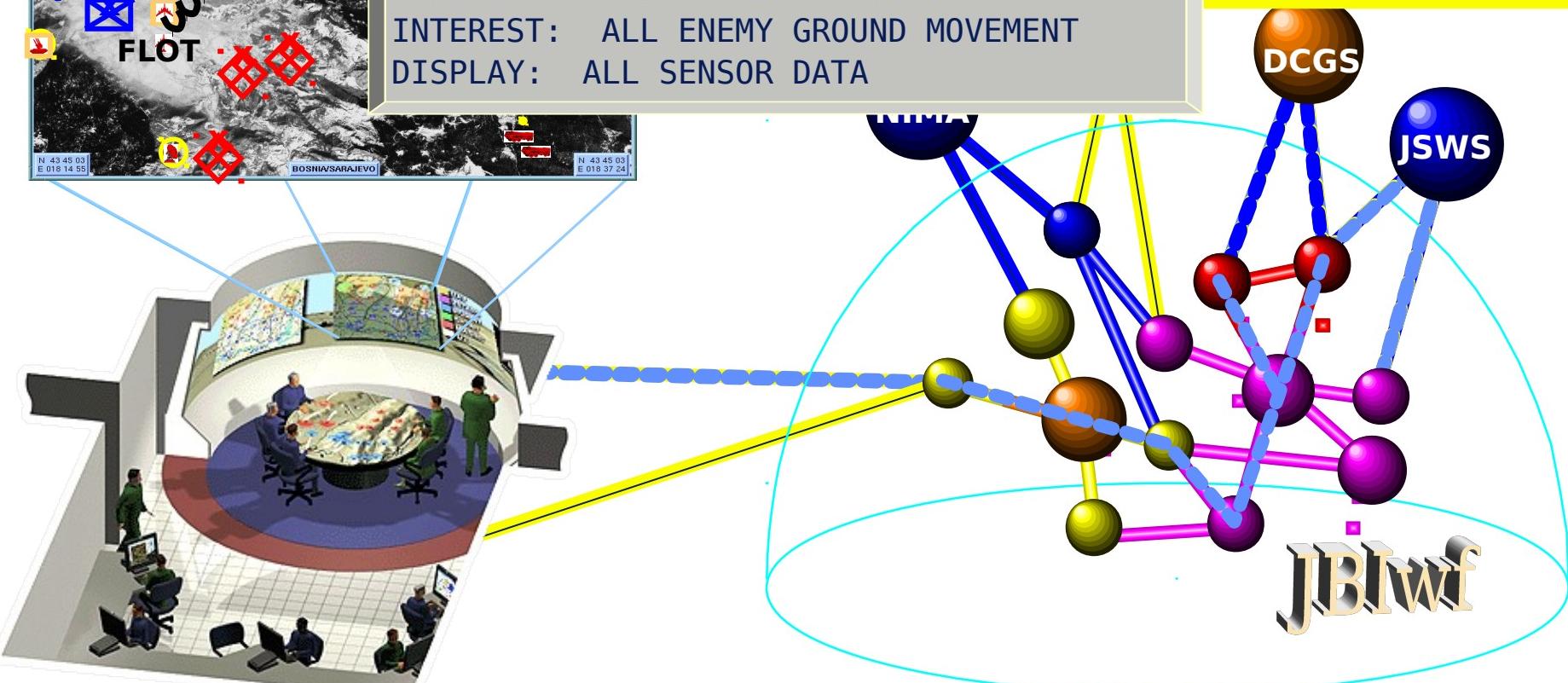
(n-squared problem)



Joint Battlespace Infosphere Preparation of the Battlefield



JBIwf continues to monitor
s and alerts
ment is

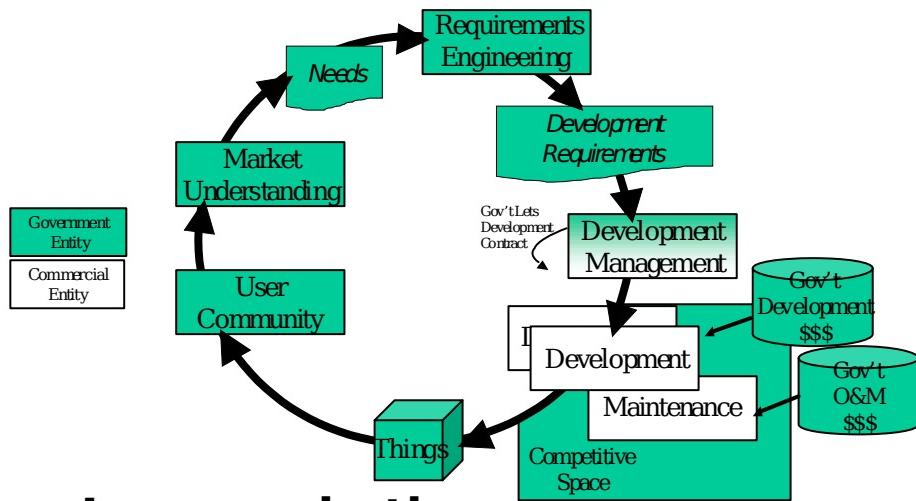




Enabling Speed of Change

Now

Traditional Development Process



Long cycle time

Waterfall sequence -- serial

Results in DoD unique systems

Non-responsive to disruptive/new technologies

Future

Rapid Acquisition--Spiral Development

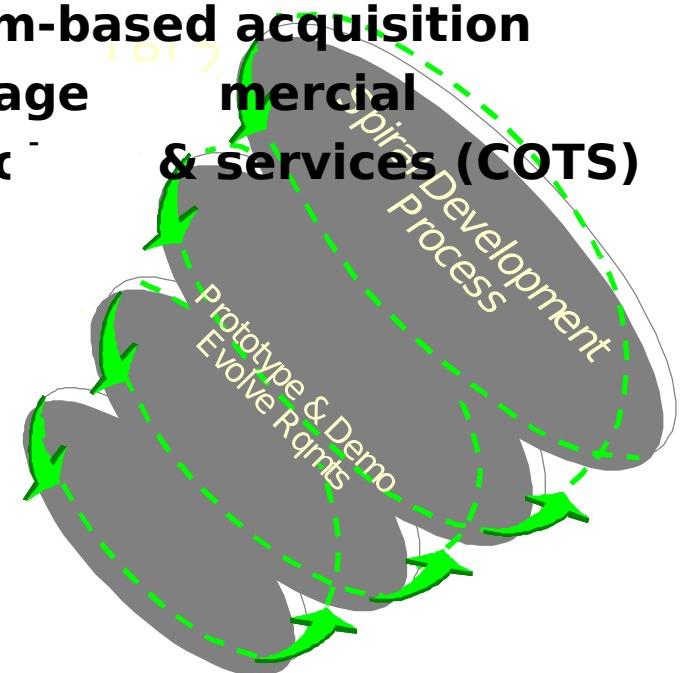
Responsive to disruptive technologies

Experimentation

Sim-based acquisition

Leverage technology

Commercial & services (COTS)





Acquisition Management

To enable speed of change, must leverage IT to

improve the way we do business

- Focus must be to alter the acquisition IM paradigm
 - Not just execute the same process faster
- Information management is not a DoD unique business requirement
 - Commercial business strategies offer lessons to DoD
 - SecAF directed effort will explore new strategies

Can't enable speed of change unless
we revolutionize the way we do business!



Forum Objective

- **To define how should we change/augment the ESC business model used for procuring C2 systems to:**
 - **Field C2 capabilities quicker, more tailored, interoperable, and highly valued by end-users**
 - **Result in a vibrant C2 market with opportunities that attract capital and players**



Suggested Group Discussion Topics

- Time to market -- field capability quickly
 - Commercial capabilities rather than military requirements
- New business models
 - Internet pace of change vice DoD waterfall process
- New partnerships
 - Who, and How should we join to drive these goals